

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6437	428/36.9 or 428/36.91 or 427/425 or 138/145	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:42
L2	442	I1 and pipe and polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:42
L3	17	I2 and castor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:42
L4	1	I3 and microbeads	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:42
L5	0	I4 and (polyetherpolyol or (polyether adj polyol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:45
L6	5516	(pipe or hose or tube). dm. and polyurethane. dm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:46
L7	202	I1 and I6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:47
L8	10	I7 and oil.dcm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:47
L9	2	I8 and (castor or fatty). dm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:47
L10	0	I9 and (bead or microbead or microsphere).dm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:48
L11	1	I3 and (microbeads or microspheres)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/09/21 15:48

S1	5341	523/218 or 527/301 or 521/111 or 521/170 or 428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/15 10:25
S2	3577869	pipe or tube or conduit	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:25
S4	54	syntactic adj polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:26
S5	11	syntactic with polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:27
S6	240	syntactic with polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:27
S7	69	syntactic near polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:27
S8	181	syntactic near5 polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:27
S9	8	S1 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:27
S10	3	"6387477"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:57
S11	4	"6387447"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 10:57
S12	12	"5621043"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 11:00
S13	14	"5688860"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 11:02
S14	3577869	pipe or tube or conduit	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 15:29
S15	240	syntactic with polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 15:29
S16	117	S15 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 15:29
S17	7	S16 and castor	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/15 15:46

S18	64628	microsphere or microbead or microball	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/16 16:09
S19	4081	S18 near hollow	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/16 16:09
S20	88779	polyisocyanate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/16 16:09
S21	179448	polyol	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/16 16:09
S22	59116	castor near oil	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/16 16:09
S23	80	S19 and S20 and S21 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/16 16:10
S24	30	S23 and (pipe or tube or rod)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/16 16:10
S25	5592	523/218 or 527/301 or 521/111 or 521/170 or 428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:03
S26	5592	S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:03
S27	3768345	pipe or tube or conduit	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/02/12 09:08
S28	2912	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:08
S29	62389	castor adj oil	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:08
S30	20529	pbw	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:08
S31	535	S29 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:08
S32	78	S29 same S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:08
S33	0	S32 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:08

S34	32246	offshore or (off adj shore)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:09
S35	4405	S34 same pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:10
S36	188	syntactic near5 polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/02/12 09:10
S37	0	S36 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:10
S38	70691	microsphere or microbead or microball	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/02/12 09:11
S39	4073	S38 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:11
S40	140	pipe and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:11
S41	8394	hydrolytic near10 stability	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:14
S42	23	S41 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/02/12 09:14
S43	5	"5688860" and castor polyurethane	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2010/04/14 16:49
S44	4	S43 and polyether	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2010/04/14 16:53
S45	13	"6334710"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 12:09
S46	103382	overshore or underwater or (under adj water) or undersea or (under adj sea)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 16:46
S47	8515	S46 same pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 16:47
S48	18155	S46 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 16:47

S49	18	S47 and (castor adj oil)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 16:47
S50	428634	polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 16:48
S51	10	S49 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 16:48
S52	794	S48 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 16:54
S53	70278	castor adj oil	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 17:04
S54	29	S52 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/15 17:04
S55	84340	polyisocyanate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 11:21
S56	2398	polyetherpolyol or (polyethere same polyol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 11:22
S57	1780204	oil	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 11:22
S58	372	S55 and S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 11:22
S59	25	S58 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 11:22
S60	22	"598108"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 11:24
S61	2	"6955778"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:02
S62	0	S61 and castor	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:02
S63	0	S61 and oil	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:02
S64	25	"6000438"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:03

S65	20	S64 and (oil or castor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:03
S66	70353	castor adj oil	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:07
S67	84340	polyisocyanate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:08
S68	5686	S67 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:08
S69	1150	S68 and (pipe or tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:08
S70	947	S69 and polyol	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/04/20 14:08
S71	6244	523/218 or 527/301 or 521/111 or 521/170 or 428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/08/13 11:39
S72	59	syntactic adj polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/08/13 11:39
S73	201	syntactic near5 polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/08/13 11:39
S74	22	S71 and (S72 or S73)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2010/08/13 11:39
S75	35756	polyether near5 polyol	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2010/08/13 11:57
S76	87611	castor adj oil	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2010/08/13 11:57
S77	118695	S75 or S76	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2010/08/13 11:57
S78	7	S74 and S77	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2010/08/13 11:57
S79	6244	523/218 or 527/301 or 521/111 or 521/170 or 428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/08/13 13:19

S80	59	syntactic adj polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:19
S81	201	syntactic near5 polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:19
S82	22	S79 and (S80 or S81)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:19
S83	35756	polyether near5 polyol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:19
S84	87611	castor adj oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:19
S85	118695	S83 or S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:19
S86	7	S82 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:19
S87	1	S86 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/08/13 13:19
S88	4672	S83 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:20
S89	0	S82 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:21
S90	59	S80 or S81 and S88 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:21
S91	2	(S80 or S81) and S88 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:27
S92	9016	523/218 or 527/301 or 521/111 or 521/170 or 428/36.9 or 428/36.91 or 427/2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/08/13 13:42

S93	7019	523/218 or 527/301 or 521/111 or 521/170 or 428/36.9 or 428/36.91 or 427/425	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/08/13 13:42
S94	1396	S93 and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/08/13 13:43
S95	26	S94 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/08/13 13:43
S96	59	syntactic adj polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:44
S97	59	syntactic adj polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:44
S98	0	(syntactic adj polyurethane).dms.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:45
S99	0	polyurethane.dms.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:45
S100	9	(syntactic adj polyurethane).dlm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:45
S101	5801	(castor adj oil).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:47
S102	1	S100 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:47
S103	5124	428/36.9 or 428/36.91 or 427/425	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:49
S104	217	S103 and ((polyether). dlm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:49
S105	1	S104 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 13:49



S106	3	"60013855"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:26
S107	2	"59197466"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:27
S108	3	"60032857"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:28
S109	2	"60047074"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:30
S110	0	"10581449" and polyether	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:30
S111	9	Huntemann and polyether	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:31
S112	5	Huntemann and castor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:35
S113	2	S112 and polyetherpolyol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:36
S114	32483	polyetherpolyol or (polyether adj polyol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:39
S115	4283	S114 and castor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:39
S116	3614	S115 and polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:39
S117	135	"I39" and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:39
S118	297	S116 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:39

S119	3	"61026675"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/13 14:44
S120	32512	polyetherpolyol or (polyether adj polyol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/20 17:36
S121	20385	S120 addition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/20 17:36
S122	6175	S120 same addition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/20 17:36
S123	471	S122 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/20 17:37
S124	139163	aniline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/20 17:37
S125	163	S123 and S124	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/08/20 17:37
S126	6666	523/218 or 527/301 or 521/111 or 521/170 or 428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 15:29
S127	605	S126 and (polyether adj polyol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 15:29
S128	221	syntactic near5 polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/05/17 15:29
S129	4	S127 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 15:29
S130	591050	water and pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 15:29
S131	31	S127 and S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 15:30
S132	1	S129 and S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 15:30

S133	2	"59197466"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2011/05/17 15:31
S134	111418	overshore or underwater or (under adj water) or undersea or (under adj sea)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 16:15
S135	9176	S134 same pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 16:15
S136	18	S135 and (castor adj oil)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 16:15
S137	465787	polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2011/05/17 16:15
S138	10	S136 and S137	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2011/05/17 16:15
S139	34427	polyetherpolyol or (polyether adj polyol)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2011/07/13 09:37
S140	1556	S139 same hydroxyl same amino	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2011/07/13 09:37
S141	116	S140 and pipe	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	AND	ON	2011/07/13 09:37

9/ 21/ 2011 3:49:11 PM

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